

# Technical Datasheet - Metal Trim

## Aluminium Dividing Strip - TSL

### Product Description

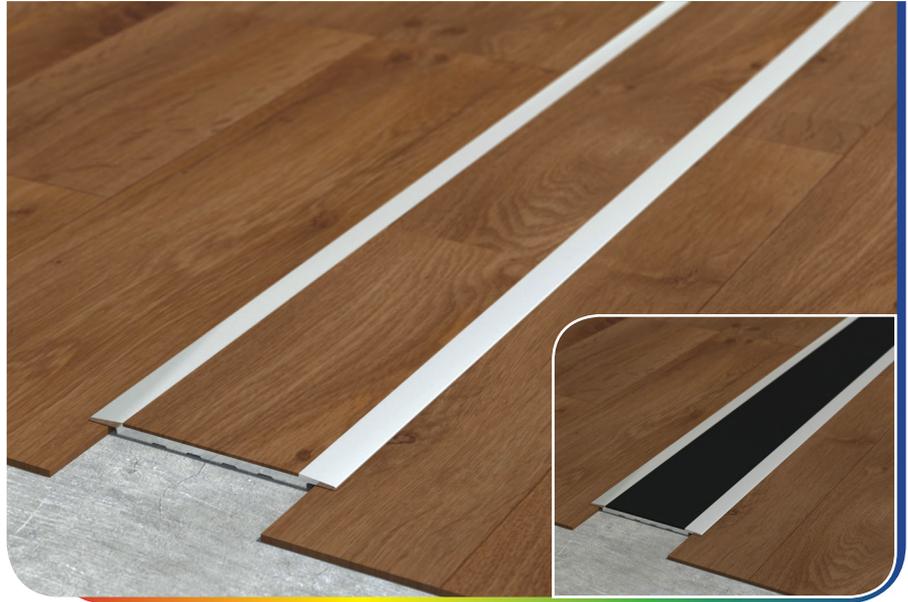
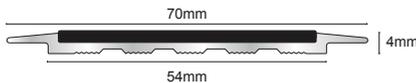
This robust aluminium floor trim is designed to repair resilient floor covering where welded joints have failed.

Ideal for use as a Transition and environments that endure heavy wheeled and pedestrian traffic.

### Dimensions and Colour

All TSL profiles are available in 2.7m lengths, measure W: 70mm x D: 4mm in standard Mill finish. Compatible with Genesis standard inserts.

### Range



Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611	
Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Ti%	0.1
Cr%	0.1
Al	Balance

### Maintenance

Genesis TSL does not require any special maintenance. Oxidation films on Aluminium may be removed with a common polishing agent; however, they do reoccur. Damaged anodised finishes may only be repaired by re-coating.

Aluminium must be tested to verify its suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and time of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

The anodised layer creates a finish that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed immediately. Otherwise, the description regarding Aluminium applies.

### Installation

1. Ensure that all surfaces to which the profile is to be fixed are dry, flat and free from any contaminants. The profile should be installed directly onto the substrate and **NOT** on top of any floor covering.
2. Cut the profile to required size. Using template provided, mark and cut the material being used for the coordinating insert length/width required.
3. Place the profile in position and mark the position of the screw holes onto the substrate.
4. Drill the substrate to a depth of 25-30mm and insert suitable fixing plugs into the holes.
5. Apply neoprene based cartridge adhesive to the back of the profile and place onto the substrate. Ensure that all of the profile is in contact with the substrate.
6. Using No.6 screws, fix through the profile, into the plugs and tighten.
7. Apply contact adhesive to the channel of the profile, ensuring that complete coverage is achieved. Apply the same adhesive to the back of the material being used for the insert. Allow adhesive to dry & bring the two surfaces together, roll & clean off excess adhesive.

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